

CD Commercial Series

CD100

Hollow Core
Non-Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (HC-3)
SUBSTRATE:	Engineered wood composites
CORE:	Supercell expanded kraft corrugated paper with particleboard lockblocks
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer
RAILS:	Mill option structural composite lumber, wood, or composite material
ASSEMBLY:	Non-bonded (loose lay)
ADHESIVES:	Type 1
MAXIMUM SIZE:	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)
THICKNESS:	1-3/8" (35mm) or 1-3/4" (45mm)
WARRANTY:	Two (2) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Standard Duty standards when specified with blocking for surface applied hardware. Option: WDMA IS-1A and AWS Custom Grade
FIRE-RATING:	Not applicable
ACOUSTICAL RATING:	Not applicable
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings.
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available
OPAQUE FINISH:	Factory painting in standard and custom match colors Options: Standard or color tinted priming available

CD Commercial Series

CD100 NAUF

Hollow Core
NAUF
Non-Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (HC-3)
SUBSTRATE:	Engineered wood composites
CORE:	Supercell expanded kraft corrugated paper with particleboard lockblocks
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer
RAILS:	Mill option structural composite lumber, wood, or composite material
ASSEMBLY:	Non-bonded (loose lay)
ADHESIVES:	Type 1
MAXIMUM SIZE:	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)
THICKNESS:	1-3/8" (35mm) or 1-3/4" (45mm)
WARRANTY:	Two (2) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Standard Duty standards when specified with blocking for surface applied hardware. Option: WDMA IS-1A and AWS Custom Grade
FIRE-RATING:	Not applicable
ACOUSTICAL RATING:	Not applicable
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings.	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

NAUF Hollow Core Primed Hardboard – Project conditions / Environmental Limitations: Hollow core doors constructed with NAUF hardboards are especially susceptible to adverse conditions. Product performance may be jeopardized if exposed to extremes of temperature & humidity. Do not deliver or install doors until spaces are enclosed and watertight, wet work in spaces is complete and dry, and HVAC system is operating and maintaining ambient temperature & humidity conditions at occupancy levels during the remainder of the construction period (relative humidity is not be less than 25%, or exceeds 55%).

CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD200

Particleboard Core
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Particleboard ANSI A208.1 LD1		Option: LD2
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 32 ASTM E90-09 – Non-Operable*	OITC 30 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 32.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors

CD200 HPDL 5-Ply

Particleboard Core
Non-Rated or 20-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.		
SUBSTRATE:	Engineered wood composites		
CORE:	Particleboard ANSI A208.1 LD1	Option: LD2	
STILES:	(ME) Matching with decorative laminate face, AWS Type C HPDL Option: Softwood edges painted or stained to complement decorative laminate face		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm) Option: Up to 2-1/4" (57mm)	
	20-Minute Rated	1-3/4" (45mm) Option: Up to 2-1/4" (57mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 32 ASTM E90-09 – Non-Operable*	OITC 30 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 32.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

CD200 NAUF

Particleboard Core
NAUF

Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Particleboard ANSI A208.1 LD1	Option: LD2	
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 32 ASTM E90-09 – Non-Operable*	OITC 30 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 32.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors

CD200 NAUF HPDL 5-Ply

Particleboard Core
NAUF
Non-Rated or 20-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.		
SUBSTRATE:	Engineered wood composites		
CORE:	Particleboard ANSI A208.1 LD1	Option: LD2	
STILES:	(ME) Matching with decorative laminate face, AWS Type C HPDL Option: Softwood edges painted or stained to complement decorative laminate face		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 32 ASTM E90-09 – Non-Operable*	OITC 30 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 32.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

CD200 NAUF
FSC®-Certified

Particleboard Core
CoC-NAUF (FSC®-Certified)
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Agfiber particleboard ANSI A208.1 LD1		Option: LD2
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 32 ASTM E90-09 – Non-Operable*	OITC 30 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 32.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

Division 08 14 23.13
 Plastic Laminate Doors
**CD200 NAUF HPDL 5-Ply
 FSC®-Certified**
 Particleboard Core
 CoC-NAUF (FSC®-Certified)
 Non-Rated or 20-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586. <i>Note: Not all HPDL can be used in this product; contact factory for details.</i>		
SUBSTRATE:	Engineered wood composites		
CORE:	Particleboard ANSI A208.1 LD1	Option: LD2	
STILES:	(ME) Matching with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 32 ASTM E90-09 – Non-Operable*	OITC 30 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 32.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

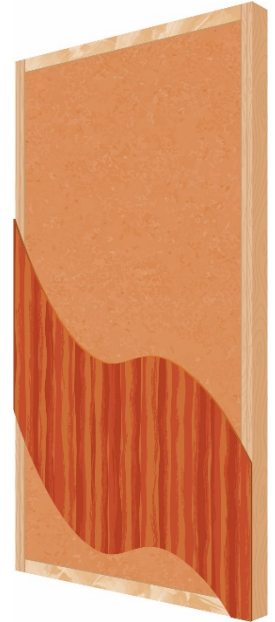
BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

CD250

 Agfiber Particleboard Core
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Agfiber particleboard ANSI A208.1 LD1 Option: LD2		
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

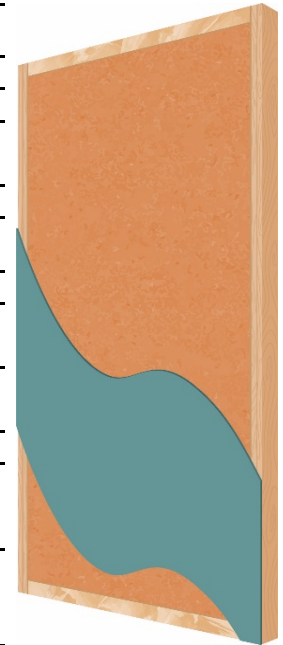
CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors

CD250 HPDL 5-Ply

Agfiber Particleboard Core
Non-Rated or 20-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.		
SUBSTRATE:	Engineered wood composites		
CORE:	Particleboard ANSI A208.1 LD1	Option: LD2	
STILES:	Softwood, fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.		



Manufacturing Options

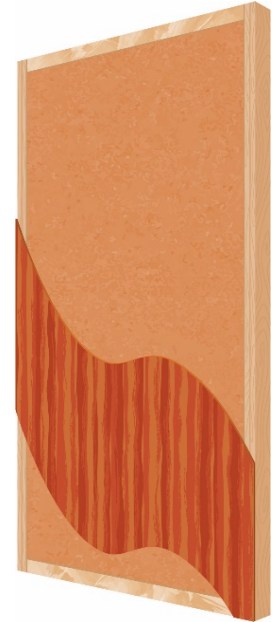
BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

CD250 NAUF

Agfiber Particleboard Core
NAUF
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Agfiber particleboard ANSI A208.1 LD1 Option: LD2		
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.		

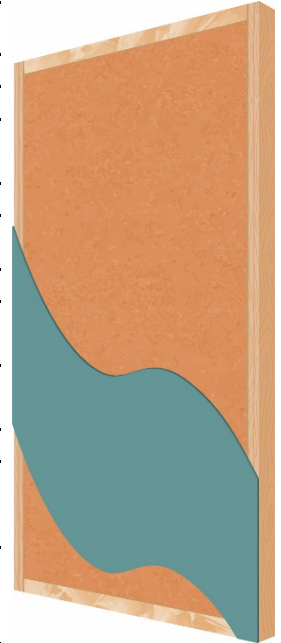


Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.		
SUBSTRATE:	Engineered wood composites		
CORE:	Agfiber particleboard ANSI A208.1 LD1 Option: LD2		
STILES:	Softwood, fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant.		
	All adhesives and binders in this product contain no added urea-formaldehyde.		
	This product is manufactured with pre-consumer recycled material.		
	This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

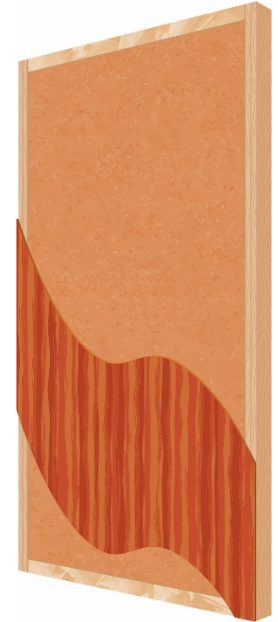
CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD250 NAUF
FSC®-Certified

Agfiber Particleboard Core
CoC-NAUF (FSC®-Certified)
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Agfiber particleboard ANSI A208.1 LD1	Option: LD2	
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure with hose stream tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.		



Manufacturing Options

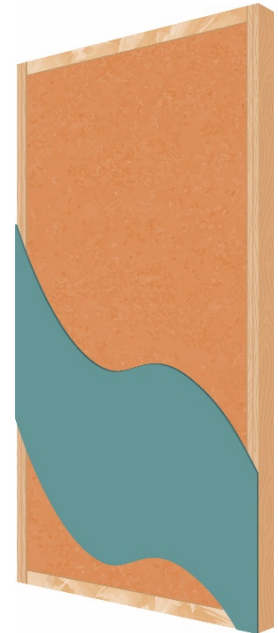
BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).		
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>		
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available		
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available	

CD Commercial Series

Division 08 14 23.13
 Plastic Laminate Doors
 CD250 NAUF HPDL 5-Ply
 FSC®-Certified

Agfiber Particleboard Core
 CoC-NAUF (FSC®-Certified)
 Non-Rated or 20-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586. <i>Note: Not all HPDL can be used in this product; contact factory for details.</i>		
SUBSTRATE:	Engineered wood composites		
CORE:	Agfiber particleboard ANSI A208.1 LD1	Option: LD2	
STILES:	(ME) Matching with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face		
RAILS:	Mill option structural composite lumber, wood, or composite material		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

CD350

 Structural Composite Lumber Core
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Structural Composite Lumber WDMA I.S. 1-A C-3		
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Integrated as part of the core		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure		Option: Positive Pressure Category A
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 35 ASTM E90-09 – Non-Operable*		OITC 31 ASTM E90-09 – Non-Operable
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 35.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	No additional blocking required. Core material complies with screw holding WDMA TM-10 extra heavy duty.	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series



FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.		
SUBSTRATE:	Engineered wood composites		
CORE:	Structural Composite Lumber WDMA I.S. 1-A C-3		
STILES:	(ME) Matching with decorative laminate face, AWS Type C HPDL Option: Softwood edges painted or stained to complement decorative laminate face		
RAILS:	Integrated as part of the core		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years, for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 35 ASTM E90-09 – Non-Operable*	OITC 31 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 35.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.		

Manufacturing Options

BLOCKING:	No additional blocking required. Core material complies with screw holding WDMA TM-10 extra heavy duty.
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD350 NAUF

Structural Composite Lumber Core
NAUF
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Structural Composite Lumber WDMA I.S. 1-A C-3		
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Integrated as part of the core		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 35 ASTM E90-09 – Non-Operable*	OITC 31 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 35.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series



FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.		
SUBSTRATE:	Engineered wood composites		
CORE:	Structural Composite Lumber WDMA I.S. 1-A C-3		
STILES:	(ME) Matching with decorative laminate face, AWS Type C HPDL Option: Softwood edges painted or stained to complement decorative laminate face		
RAILS:	Integrated as part of the core		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.		
	Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 35 ASTM E90-09 – Non-Operable*	OITC 31 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 35.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		

Manufacturing Options

BLOCKING:	No additional blocking required. Core material complies with screw holding WDMA TM-10 extra heavy duty.
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD350 NAUF
FSC®-Certified

Structural Composite Lumber Core
CoC-NAUF (FSC®-Certified)
Non-Rated or 20-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)		
SUBSTRATE:	Engineered wood composites		
CORE:	Structural Composite Lumber WDMA I.S. 1-A C-3		
STILES:	Softwood – AWS Type A solid wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer		
RAILS:	Integrated as part of the core		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 35 ASTM E90-09 – Non-Operable*	OITC 31 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 35.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	No additional blocking required. Core material complies with screw holding WDMA TM-10 extra heavy duty.		
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>		
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available		
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available	

CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors
CD350 NAUF HPDL 5-Ply
FSC®-Certified

Structural Composite Lumber Core
 CoC-NAUF (FSC®-Certified)
 Non-Rated or 20-Minute Rated

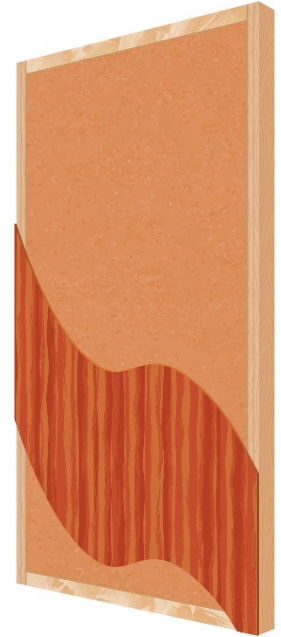
FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586. <i>Note: Not all HPDL can be used in this product; contact factory for details.</i>		
SUBSTRATE:	Engineered wood composites		
CORE:	Structural Composite Lumber WDMA I.S. 1-A C-3		
STILES:	(ME) Matching with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face		
RAILS:	Integrated as part of the core		
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
ADHESIVES:	Type 1		
MAXIMUM SIZE:	Positive Pressure	4'0" x 9'0" (1219mm x 2743mm)	
	Neutral Pressure	3'0" x 10'0" (914mm x 3048mm) or 4'0" x 9'0" (1219mm x 2743mm)	
THICKNESS:	Non-Rated	1-3/8" (35mm) or 1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
	20-Minute Rated	1-3/4" (45mm)	Option: Up to 2-1/4" (57mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards Option: WDMA IS-1A and AWS Custom Grade		
FIRE-RATING:	Positive Pressure Category B or Neutral Pressure	Option: Positive Pressure Category A	
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B.		
ACOUSTICAL RATING:	STC 35 ASTM E90-09 – Non-Operable*	OITC 31 ASTM E90-09 – Non-Operable	
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 35.		
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.		



Manufacturing Options

BLOCKING:	No additional blocking required. Core material complies with screw holding WDMA TM-10 extra heavy duty.
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

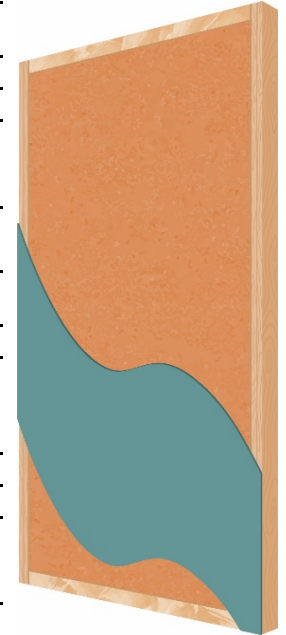


FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated agfiber particleboard ANSI A208.1 LD2 or Proprietary SCL	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, mill option AWS Type B veneer	
RAILS:	Structural composite lumber Option: High density mineral composite	
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 10'0" (1219mm x 3048mm)
	Standard & DE Pairs	8'0" x 8'0" (2438mm x 2438mm)
	Dutch Door	4'0" x 8'0" (1219mm x 2438mm)
THICKNESS:	1-3/4" (45mm)	Option: Up to 2" (51mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	Option: Positive Pressure Category B
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable* * When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.	

Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series



FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated agfiber particleboard ANSI A208.1 LD2 or Proprietary SCL	
STILES:	(ME) Matching, fire-rated structural composite with decorative laminate face, AWS Type C HPDL Option: Mill option wood edge over fire-rated composite edges painted or stained to complement decorative laminate face	
RAILS:	Structural composite lumber Option: High density mineral composite	
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 10'0" (1219mm x 3048mm)
	Standard & DE Pairs	8'0" x 8'0" (2438mm x 2438mm)
	Dutch Door	4'0" x 8'0" (1219mm x 2438mm)
THICKNESS:	1-3/4" (45mm)	Option: Up to 2" (51mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.	
	Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.	

Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

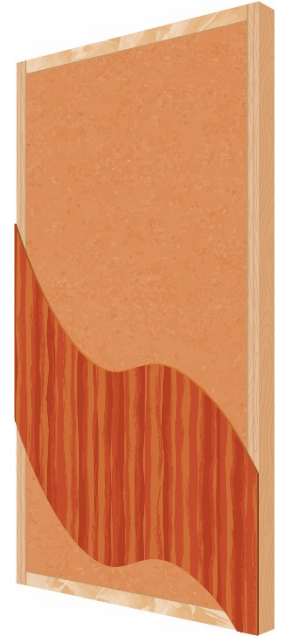
CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD45AG NAUF

Agfiber Particleboard Core
NAUF
45-Minute Rated

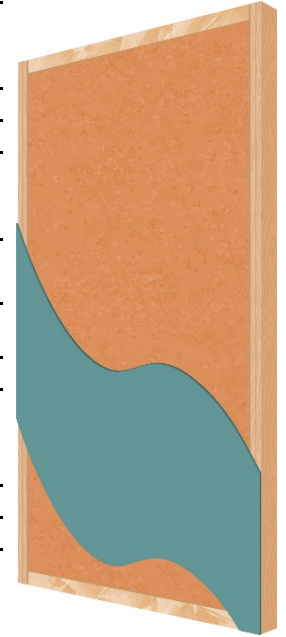
FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (FD45-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated agfiber particleboard ANSI A208.1 LD2 or Proprietary SCL	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, mill option AWS Type B veneer	
RAILS:	Structural composite lumber Option: High density mineral composite	
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 10'0" (1219mm x 3048mm)
	Standard & DE Pairs	8'0" x 8'0" (2438mm x 2438mm)
	Dutch Door	4'0" x 8'0" (1219mm x 2438mm)
THICKNESS:	1-3/4" (45mm)	Option: Up to 2" (51mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	Option: Positive Pressure Category B
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series



FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586. <i>Note: Not all HPDL can be used in this product; contact factory for details.</i>	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated agfiber particleboard ANSI A208.1 LD2 or Proprietary SCL	
STILES:	(ME) Matching, fire-rated structural composite with decorative laminate face, AWS Type C HPDL Option: Mill option wood edge over fire-rated composite edges painted or stained to complement decorative laminate face	
RAILS:	Structural composite lumber Option: High density mineral composite	
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 10'0" (1219mm x 3048mm)
	Standard & DE Pairs	8'0" x 8'0" (2438mm x 2438mm)
	Dutch Door	4'0" x 8'0" (1219mm x 2438mm)
THICKNESS:	1-3/4" (45mm)	Option: Up to 2" (51mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.	

Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

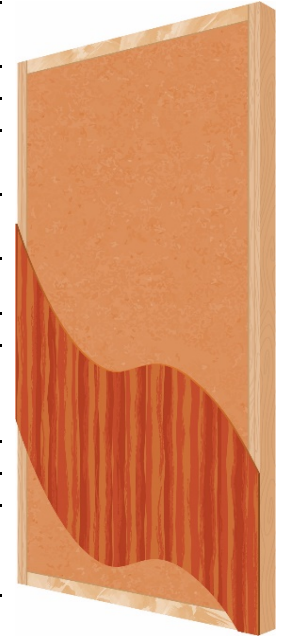
CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD45AG NAUF
FSC®-Certified

Agfiber Particleboard Core
CoC-NAUF (FSC®-Certified)
45-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (FD45-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated agfiber particleboard ANSI A208.1 LD2 or Proprietary SCL	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, mill option AWS Type B veneer	
RAILS:	Structural composite lumber Option: High density mineral composite	
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 10'0" (1219mm x 3048mm)
	Standard & DE Pairs	8'0" x 8'0" (2438mm x 2438mm)
	Dutch Door	4'0" x 8'0" (1219mm x 2438mm)
THICKNESS:	1-3/4" (45mm)	Option: Up to 2" (51mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	Option: Positive Pressure Category B
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.	



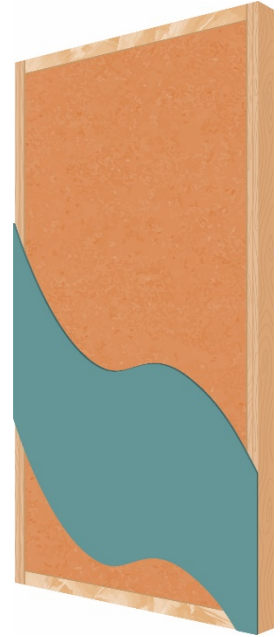
Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

Division 08 14 23.13
 Plastic Laminate Doors
**CD45AG NAUF HPDL 5-Ply
 FSC®-Certified**
 Agfiber Particleboard Core
 CoC-NAUF (FSC®-Certified)
 45-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586. <i>Note: Not all HPDL can be used in this product; contact factory for details.</i>	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated agfiber particleboard ANSI A208.1 LD2 or Proprietary SCL	
STILES:	(ME) Matching, fire-rated structural composite with decorative laminate face, AWS Type C HPDL Option: Mill option wood edge over fire-rated composite edges painted or stained to complement decorative laminate face	
RAILS:	Structural composite lumber Option: High density mineral composite	
ASSEMBLY:	Stiles and rails are securely bonded to the core and the assembled unit is sanded prior to application of faces.	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 10'0" (1219mm x 3048mm)
	Standard & DE Pairs	8'0" x 8'0" (2438mm x 2438mm)
	Dutch Door	4'0" x 8'0" (1219mm x 2438mm)
THICKNESS:	1-3/4" (45mm)	Option: Up to 2" (51mm)
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 31 ASTM E90-09 – Non-Operable*	OITC 29 ASTM E90-09 – Non-Operable
	* When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; or one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 31.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. FSC® License Code FSC-C103189. This product carries the FSC® Mix claim with all the wood in the door being FSC® Certified and other controlled material. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material. This product is also manufactured with rapidly renewable agfiber which is grown and harvested annually.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, mill option AWS Type B veneer	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD450 NAUF

Mineral Core
NAUF
45-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors

CD450 NAUF HPDL 5-Ply

Mineral Core
NAUF
45-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09	
	When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, mill option AWS Type B veneer	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	Option: Positive Pressure Category B
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

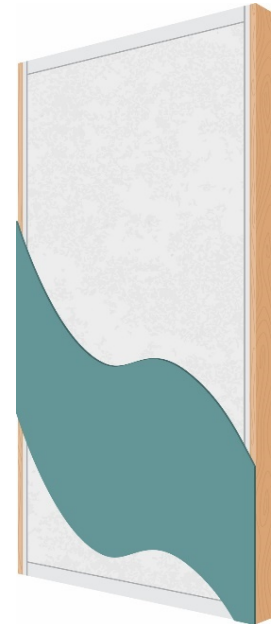
CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors

CD600 HPDL 5-Ply

Mineral Core
60-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.	
	Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09	
	When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD600 NAUF

Mineral Core
NAUF
60-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors

CD600 NAUF HPDL 5-Ply

Mineral Core
NAUF
60-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

CD900

 Mineral Core
90-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	Option: Positive Pressure Category B
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material.	

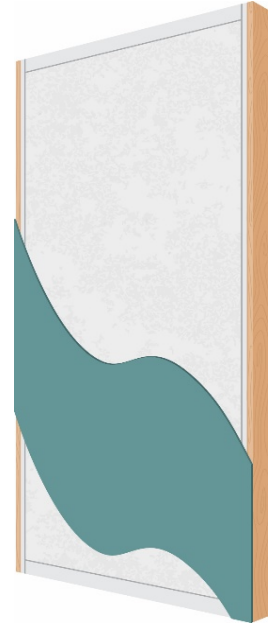


Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

CD Commercial Series

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.	
	Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09	
	When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>

CD Commercial Series

Division 08 14 16
Wood Flush Doors

CD900 NAUF

Mineral Core
NAUF
90-Minute Rated

FACES:	HPVA Architectural "A" grade wood veneer (minimum thickness 1/50" (0.5mm) before sanding) Options: "AA" grade wood veneer, paint grade MDO, HDF (PC-3)	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with outer band of mill option AWS Type A wood Option: (CE) Compatible with face veneer, AWS Type B wood veneer	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.	
	Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09	
	When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).	
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>	
TRANSPARENT FINISH:	WDMA TR8 / AWS System 9 – UV Cured Acrylated Polyester/Urethane finishes in standard and custom match stains Options: Other finish systems available	
OPAQUE FINISH:	Factory painting in standard and custom match colors	Options: Standard or color tinted priming available

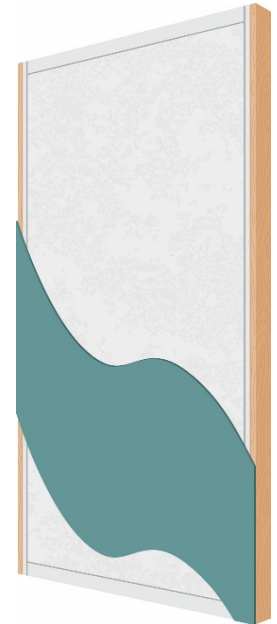
CD Commercial Series

Division 08 14 23.13
Plastic Laminate Doors

CD900 NAUF HPDL 5-Ply

Mineral Core
NAUF
90-Minute Rated

FACES:	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL, and ISO 4586.	
SUBSTRATE:	Engineered wood composites	
CORE:	Fire-rated mineral	
STILES:	Fire-rated composite with decorative laminate face, AWS Type C HPDL Option: Wood edges painted or stained to complement decorative laminate face	
RAILS:	Mill option fire-rated composite material	
ASSEMBLY:	Bonded assembly in compliance with fire door listings	
ADHESIVES:	Type 1	
MAXIMUM SIZE:	Single	4'0" x 9'0" (1219mm x 2743mm)
	Standard & DE Pairs	Vary by hardware, contact factory for details
THICKNESS:	1-3/4" (45mm)	
WARRANTY:	Five (5) Years; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.	
STANDARDS:	Performance attributes meet or exceed WDMA IS-1A and AWS Extra Heavy Duty standards when specified with blocking for surface applied hardware without through bolts. Option: WDMA IS-1A and AWS Custom Grade	
FIRE-RATING:	Positive Pressure Category A or Neutral Pressure	Option: Positive Pressure Category B
	Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252.	
	Neutral Pressure tested in accordance with UBC 7 1994 and UL 10B.	
ACOUSTICAL RATING:	STC 30 Non-Operable ASTM E90-09 When installed with one row of NGP 5075, one row of NGP 5060, a NGP 335S x STC 2 Auto Door Bottom, and NGP 60FP Corner Pads; OR one row of Pemko S773, one row of Pemko S44, a Pemko PDB 411 AE Auto Door Bottom, and Pemko ACP 112 Corner pads; the STC performance will be equal to an operable test rating of STC 30. Perimeter gasketing, door bottom, and threshold is supplied with door unless otherwise requested.	
ENVIRONMENTAL ATTRIBUTES:	This product is TSCA Title VI compliant. All adhesives and binders in this product contain no added urea-formaldehyde. This product is manufactured with pre-consumer recycled material.	



Manufacturing Options

BLOCKING:	Special blocking options may be specified (reference WDMA I.S.1A blocking options HB-1 through HB-8).
MACHINING:	Machining for hardware, open cutouts, installation of lites and louvers, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <i>Note: Fire rated doors must glazed under label service.</i>